

#2



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/034,350

DATE: 01/17/2002

TIME: 15:32:30

Input Set : A:\seqlist\_18210010002 ascii

Output Set: N:\CRF3\01172002\J034350.raw

ENTERED

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5 <110> APPLICANT: Zauderer, Maurice
9 <120> TITLE OF INVENTION: Methods of Selecting Polynucleotides Encoding Antigens
13 <130> FILE REFERENCE: 1821.0010002
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/034,350
C--> 19 <141> CURRENT FILING DATE: 2002-01-03
23 <150> PRIOR APPLICATION NUMBER: US 08/935,377
25 <151> PRIOR FILING DATE: 1997-09-22
29 <160> NUMBER OF SEQ ID NOS: 37
33 <170> SOFTWARE: PatentIn version 3.1
37 <210> SEQ ID NO: 1
39 <211> LENGTH: 69
41 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
49 <223> OTHER INFORMATION: Synthetic Construct
53 <220> FEATURE:
55 <221> NAME/KEY: CDS
57 <222> LOCATION: (46)..(69)
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62 ggccaaaaat tgaaaaacta gatctattta ttgcacgogg ccgcc atg ggc ccg gcc      57
63                                     Met Gly Pro Ala
64                                     1
66 gcc aac ggc gga                                69
67 Ala Asn Gly Gly
68 5
71 <210> SEQ ID NO: 2
73 <211> LENGTH: 8
75 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
83 <223> OTHER INFORMATION: Synthetic Construct
87 <400> SEQUENCE: 2
89 Met Gly Pro Ala Ala Asn Gly Gly
90 1                    5
93 <210> SEQ ID NO: 3
95 <211> LENGTH: 75
97 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetic Construct
109 <220> FEATURE:
111 <221> NAME/KEY: CDS
113 <222> LOCATION: (52)..(75)

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117 <400> SEQUENCE: 3
118 ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcggccgc c atg ggc      57
119                                     Met Gly
120                                     1
122 ccg gcc gcc aac ggc gga      75
123 Pro Ala Ala Asn Gly Gly
124      5
127 <210> SEQ ID NO: 4
129 <211> LENGTH: 8
131 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
139 <223> OTHER INFORMATION: Synthetic Construct
143 <400> SEQUENCE: 4
145 Met Gly Pro Ala Ala Asn Gly Gly
146 1      5
149 <210> SEQ ID NO: 5
151 <211> LENGTH: 57
153 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
161 <223> OTHER INFORMATION: Synthetic Construct
165 <400> SEQUENCE: 5
166 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggg cccggcc      57
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171 <211> LENGTH: 145
173 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
181 <223> OTHER INFORMATION: Synthetic Construct
185 <400> SEQUENCE: 6
186 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccgtgga tcccccgggc      60
188 tgcaggaatt cgatatcaag cttatcgata ccgtcgacct cgaggggggg cctaactaac      120
190 taattttgtt tttgtgggcc cggcc      145
193 <210> SEQ ID NO: 7
195 <211> LENGTH: 148
197 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
205 <223> OTHER INFORMATION: Synthetic Construct
209 <400> SEQUENCE: 7
210 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggt ggatcccccg      60
212 ggctgcagga attcgatatc aagcttatcg ataccgtcga cctcgagggg gggcctaact      120
214 aactaatttt gttttgttg gcccggcc      148
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219 <211> LENGTH: 149
221 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:

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229 <223> OTHER INFORMATION: Synthetic Construct
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234 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgag tggatcccc 60
236 gggctgcagg aattcgatat caagcttata gataccgtcg acctcgagg ggggcctaac 120
238 taactaattt tgtttttggt ggcccggcc 149
241 <210> SEQ ID NO: 9
243 <211> LENGTH: 150
245 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
253 <223> OTHER INFORMATION: Synthetic Construct
257 <400> SEQUENCE: 9
258 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgac gtggatcccc 60
260 cgggctgcag gaattcgata tcaagcttat cgataccgtc gacctcgagg ggggcctaa 120
262 ctaactaatt ttgtttttgt gggcccggcc 150
265 <210> SEQ ID NO: 10
267 <211> LENGTH: 8
269 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
277 <223> OTHER INFORMATION: Synthetic Construct
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283 Ser Ile Ile Asn Phe Glu Lys Leu
284 1 5
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290 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
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310 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
318 <223> OTHER INFORMATION: Synthetic Construct
322 <400> SEQUENCE: 12 10
323 gtcagagcat
326 <210> SEQ ID NO: 13
328 <211> LENGTH: 10
330 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
338 <223> OTHER INFORMATION: Synthetic Construct
342 <400> SEQUENCE: 13 10
343 ggaccaagtc
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RAW SEQUENCE LISTING  
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Input Set : A:\seqlist\_18210010002 ascii  
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376 <220> FEATURE:
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383 tacctatggc 10
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390 <212> TYPE: DNA
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396 <220> FEATURE:
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403 tgtcacatac 10
406 <210> SEQ ID NO: 17
408 <211> LENGTH: 10
410 <212> TYPE: DNA
412 <213> ORGANISM: Artificial Sequence
416 <220> FEATURE:
418 <223> OTHER INFORMATION: Synthetic Construct
422 <400> SEQUENCE: 17
423 tcggtcacag 10
426 <210> SEQ ID NO: 18
428 <211> LENGTH: 10
430 <212> TYPE: DNA
432 <213> ORGANISM: Artificial Sequence
436 <220> FEATURE:
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442 <400> SEQUENCE: 18
443 atctggtaga 10
446 <210> SEQ ID NO: 19
448 <211> LENGTH: 10
450 <212> TYPE: DNA
452 <213> ORGANISM: Artificial Sequence
456 <220> FEATURE:
458 <223> OTHER INFORMATION: Synthetic Construct
462 <400> SEQUENCE: 19
463 cttatccacg 10
466 <210> SEQ ID NO: 20
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Input Set : A:\seqlist\_18210010002 ascii

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470 <212> TYPE: DNA
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476 <220> FEATURE:
478 <223> OTHER INFORMATION: Synthetic Construct
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483 catgtctcaa 10
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488 <211> LENGTH: 10
490 <212> TYPE: DNA
492 <213> ORGANISM: Artificial Sequence
496 <220> FEATURE:
498 <223> OTHER INFORMATION: Synthetic Construct
502 <400> SEQUENCE: 21
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506 <210> SEQ ID NO: 22
508 <211> LENGTH: 10
510 <212> TYPE: DNA
512 <213> ORGANISM: Artificial Sequence
516 <220> FEATURE:
518 <223> OTHER INFORMATION: Synthetic Construct
522 <400> SEQUENCE: 22
523 ctgatccatg 10
526 <210> SEQ ID NO: 23
528 <211> LENGTH: 53
530 <212> TYPE: DNA
532 <213> ORGANISM: Artificial Sequence
536 <220> FEATURE:
538 <223> OTHER INFORMATION: Synthetic Construct
542 <400> SEQUENCE: 23
543 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatggg ccc 53
546 <210> SEQ ID NO: 24
548 <211> LENGTH: 53
550 <212> TYPE: DNA
552 <213> ORGANISM: Artificial Sequence
556 <220> FEATURE:
558 <223> OTHER INFORMATION: Synthetic Construct
562 <400> SEQUENCE: 24
563 ggccggggccc atggcggccg cgtgcaataa atagatctag tttttcaatt ttt 53
566 <210> SEQ ID NO: 25
568 <211> LENGTH: 59
570 <212> TYPE: DNA
572 <213> ORGANISM: Artificial Sequence
576 <220> FEATURE:
578 <223> OTHER INFORMATION: Synthetic Construct
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583 ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcgggccgc catggggccc 59
586 <210> SEQ ID NO: 26
588 <211> LENGTH: 59
590 <212> TYPE: DNA

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/034,350

DATE: 01/17/2002

TIME: 15:32:31

Input Set : A:\seqlist\_18210010002 ascii

Output Set: N:\CRF3\01172002\J034350.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date